

**Subpart E—Frequencies**

**§ 87.169 Scope.**

This subpart contains class of station symbols and a frequency table which lists assignable frequencies. Frequencies in the Aviation Services will transmit communications for the safe, expeditious, and economic operation of aircraft and the protection of life and property in the air. Each class of land station may communicate in accordance with the particular sections of this part which govern these classes. Land stations in the Aviation Services in Alaska may transmit messages concerning sickness, death, weather, ice conditions or other matters relating to safety of life and property if there is no other established means of communications between the points in question and no charge is made for the communications service.

[69 FR 32882, June 14, 2004]

**§ 87.171 Class of station symbols.**

The two or three letter symbols for the classes of station in the aviation services are:

*Symbol and class of station*

- AX—Aeronautical fixed
- AVW—Audio visual warning systems
- AXO—Aeronautical operational fixed
- DGP—Differential GPS
- DLT—Aircraft data link land test
- FA—Aeronautical land (unspecified)
- FAC—Airport control tower
- FAE—Aeronautical enroute
- FAM—Aeronautical multicom
- FAR—Aeronautical search and rescue
- FAS—Aviation support

- FAT—Flight test
- FAU—Aeronautical advisory (unicom)
- FAW—Automatic weather observation
- GCO—Ground Communication Outlet
- MA—Aircraft (Air carrier and Private)
- MA1—Air carrier aircraft only
- MA2—Private aircraft only
- MOU—Aeronautical utility mobile
- MRT—ELT test
- RCO—Remote Communications Outlet
- RL—Radionavigation land (unspecified)
- RLA—Marker beacon
- RLB—Radiobeacon
- RLD—RADAR/TEST
- RLG—Glide path
- RLL—Localizer
- RLO—VHF omni-range
- RLS—Surveillance radar
- RLT—Radionavigation land test
- RLW—Microwave landing system
- RNV—Radio Navigation Land/DME
- RPC—Ramp Control
- TJ—Aircraft earth station in the Aeronautical Mobile-Satellite Service
- UAT—Universal Access Transceiver

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**§ 87.173 Frequencies.**

(a) The table in paragraph (b) of this section lists assignable carrier frequencies or frequency bands.

(1) The single letter symbol appearing in the “Subpart” column indicates the subpart of this part which contains additional applicable regulations.

(2) The two or three letter symbol appearing in the “Class of Station” column indicates the class of station to which the frequency is assignable.

(b) Frequency table:

Frequency or frequency band	Subpart	Class of station	Remarks
90–110 kHz	Q	RL	LORAN “C”.
190–285 kHz	Q	RLB	Radiobeacons.
200–285 kHz	O	FAC	Air traffic control.
325–405 kHz	O	FAC	Air traffic control.
325–435 kHz	Q	RLB	Radiobeacons.
410.0 kHz	F	MA	International direction-finding for use outside of United States.
457.0 kHz	F	MA	Working frequency for aircraft on over-water flights.
500.0 kHz	F	MA	International calling and distress frequency for ships and aircraft on over-water flights.
510–535 kHz	Q	RLB	Radiobeacons.
2182.0 kHz	F	MA	International distress and calling.
2648.0 kHz	I	AX	Alaska station.
2850.0–3025.0 kHz	I	MA, FAE	International HF.
2851.0 kHz	I, J	MA, FAE, FAT	International HF; Flight Test.
2866.0 kHz	I	MA, FAE	Domestic HF; (Alaska).
2875.0 kHz	I	MA, FAE	Domestic HF.
2878.0 kHz	I	MA1, FAE	Domestic HF; International HF.